

INTERNET SAFETY AND ETHICS

LESSON PLAN

OBJECTIVES:

- Explain the importance of Internet safety regarding the transmission of data.
- Explain the importance of ethics in computing regarding the handling of data.

MATERIALS

- Computers with Internet access and Web browsers.

PROCEDURES

1. Begin the lesson by asking students what it means for them a safe Internet (diagnostic evaluation). Then, discuss Internet safety and different threats that exist today.
2. Define privacy and what are the issues regarding the handling of your personal data.
3. Explain potential consequences of misinformation and some guidelines to prevent or minimize this situation.
4. Define malware, some of its different types and show how to address these problems when found.
5. Define ethics and discuss how it doesn't necessarily means legal.
6. List some examples of recommendations found in an ethics code.
7. Define ethical analysis; identify the questions that must be addressed and considerations to take into account when answering them.
8. Assign individual and group homework regarding ethical case studies.

EVALUATION

- Diagnostic evaluation to know the degree of knowledge that a student has about the topic to be discussed (No numeric grade is assigned)
- Numeric evaluation (individual and group work) using your preferred scale.
- Numeric evaluation for class participation.

REFERENCES

Wikipedia

<http://wikipedia.org/>

VOCABULARY

- List and define the new concepts and terms for the students.

CREDIT

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